AMENDMENTS TO THE CLAIMS

1 (Currently Amended). A kit for implanting in a duct ~~(12)~~, the kit being of the type comprising:

· a tubular endoprosthesis ~~(14)~~; and

· a prosthetic valve ~~(16; 116; 216)~~;

wherein the ~~kit being characterized in that the~~ prosthetic valve is for implanting removably in the tubular endoprosthesis ~~(14)~~ and comprises firstly a carrier frame ~~(22; 122; 222)~~ that is radially deformable in elastic manner relative to a main axis ~~(X-X)~~ between a deployed implanted position and a folded, implanting position, which carrier frame ~~(22; 122; 222)~~ is urged resiliently towards its deployed position, and secondly a flexible shutter ~~(24; 124; 224)~~ connected to the carrier frame ~~(22; 122; 222)~~ and deformable between an obstruction position in which it is extended transversely, and a release position in which it is contracted transversely under the action of the flow passing through the carrier frame ~~(22; 122; 222)~~, the valve ~~(16; 116; 216)~~ including integrated centripetal compression means ~~(26A, 26B, 122, 126A, 126B, 126C; 226)~~ for compressing said carrier frame ~~(22; 122; 222)~~ towards its folded position against the resilient action.

2 (Currently Amended). A kit according to claim 1, wherein ~~characterized in that~~ said shutter comprises a pouch ~~(24; 124; 224)~~.

3 (Currently Amended). A kit according to claim 2, wherein ~~characterized in that~~ the pouch ~~(24; 124; 224)~~ includes an evacuation orifice ~~(40)~~ formed in its end wall ~~(38)~~.

4 (Currently Amended). A kit according to claim 2 ~~or claim 3~~, wherein ~~characterized in that~~ the end wall ~~(38)~~ of the kit ~~(24; 124; 224)~~ is generally hemispherical.

5 (Currently Amended). A kit according to ~~any preceding claim~~ claim 1, wherein ~~characterized in that~~ the centripetal compression means comprise a clamp having at least two branches ~~(26A, 26B; 126A, 126B, 126C)~~ connected together in a common region ~~(28; 128)~~, each branch being connected to said shutter ~~(24, 124)~~ in a connection segment ~~(30A, 30B)~~, each of the branches ~~(26A, 26B; 126A, 126B, 126C)~~ presenting a drive segment ~~(32A, 32B)~~ suitable for co-operating

with a complementary clamping member for centripetally compressing the carrier frame towards its folded position.

6 (Currently Amended). A kit according to claim 5, wherein ~~characterized in that~~ the branches ~~(26A, 26B; 126A, 126B, 126C)~~ are welded together in their common region ~~(28, 128)~~, and the carrier frame ~~(22, 122)~~ is fork-shaped, each branch being elastically deformable, the drive segments ~~(32A, 32B)~~ and the connection segments ~~(30A, 30B)~~ for connecting the branches to the shutter both being situated on the same side of the weld.

7 (Currently Amended). A kit according to claim 5 ~~or claim 6~~, wherein ~~characterized in that~~ the carrier frame ~~(122)~~ has two branches ~~(26A, 26B)~~.

8 (Currently Amended). A kit according to claim 5 ~~or claim 6~~, wherein ~~characterized in that~~ the carrier frame ~~(122)~~ has three branches ~~(126A, 126B, 126C)~~.

9 (Currently Amended). A kit according to ~~any one of claims 2 to 4 and any one of claims 5 to 8~~ claim 5, wherein said shutter comprises a pouch and ~~characterized in that~~ the valve ~~(16; 46; 216)~~ includes threads ~~(42)~~ connecting the end wall ~~(40)~~ of the pouch to each of the branches ~~(26A, 26B; 126A, 126B, 126C)~~.

10 (Currently Amended). A kit according to ~~any one of claims 1 to 4~~ claim 1, wherein ~~characterized in that~~ the carrier frame ~~(222)~~ comprises a resilient wire mesh ~~(222)~~ and said centripetal compression means comprise a constriction strand ~~(226)~~ engaged around said resilient wire mesh ~~(222)~~.

11 (Currently Amended). A prosthesis implanted from a kit according to ~~any preceding claim~~ claim 1, the tubular endoprosthesis ~~(14)~~ being against the inside surface of a duct ~~(12)~~, the prosthetic valve ~~(16; 116; 216)~~ being disposed in said tubular endoprosthesis ~~(14)~~.

12 (New). Process for implanting a kit according to claim 1 in a duct comprising the steps of:

· implanting the tubular endoprosthesis in a duct by an endoluminal technique;

· removably implanting the prosthetic valve by the endoluminal technique inside the tubular endoprosthesis.

13 (New). Process according to claim 12, comprising the steps of:

- withdrawing the prosthetic valve comprising:

· returning the prosthetic valve to its compressed state by means of its centripetal compression means

· removing the prosthetic valve in a transluminal manner; and

- implanting a new prosthetic valve in the tubular endoprosthesis by the endoluminal technique.